

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050013231").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/21 14:43
S2	482	(369/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/05 12:30
S3	3549572	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/05 12:33
S4	25740	hologram	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/05 12:34
S5	243	S2 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/05 12:34
S6	10094	S4 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:01
S7	3549572	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:56
S8	25740	hologram	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:29
S9	10094	S8 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:56
S10	482	(369/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:56
S11	243	S10 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:56
S12	1	("20050013231").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:57
S13	56638	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:58
S14	694	S7 and S8 and S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:59
S15	13	S7 and S8 and S13 and S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 10:59
S16	3549572	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:14

## EAST Search History

S17	25740	hologram	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:13
S18	482	(369/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/06 16:13
S19	56638	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:13
S20	13	S16 and S17 and S19 and S18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:16
S21	50096	reference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:15
S22	2883365	(light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:15
S23	3843	S19 same S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:15
S24	96	S16 and S17 and S21 and S23	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:16
S25	9	S24 and S18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/06 16:16
S26	41631	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:29
S27	483	(369/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/07 15:29
S28	3553102	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:29
S29	56714	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:07
S30	2885801	(light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:30
S31	50145	reference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:30
S34	1609	random\$7 same S26	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:31

## EAST Search History

S35	2	S27 and (S28 same S31 same S34)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:32
S36	3555151	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:34
S37	50178	reference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:34
S38	41658	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:34
S39	1611	random\$7 same S38	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:35
S40	8	S36 same S37 same S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:35
S41	694362	random\$7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 08:35
S42	18	S36 same S37 same S41	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 09:21
S43	32018	interference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 09:20
S44	1876	S36 same S43	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 09:21
S45	131	S36 same S43 same S38	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 09:22
S46	2	(S36 same S43 same S38) and (S43 same S41 same S37)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 09:22
S47	3555151	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:07
S48	40267	random near3 (information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:27
S49	532	S47 near5 S48	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:08
S50	43977	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/12/12 15:08

## EAST Search History

S51	20	S49 and S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:10
S52	43975	hologra\$9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:10
S53	0	S51 and S52	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:12
S54	18	S47 same S48 same S52	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:28
S55	40373	random near3 (info\$9 data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:27
S56	18	S47 same S55 same S52 -	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:28
S57	3555151	eras\$4 delet\$4 remov\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 10:35
S58	40267	random near3 (information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 09:54
S59	532	S57 near5 S58	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 09:54
S60	43977	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/12/13 09:54
S61	20	S59 and S60	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 09:54
S62	43975	hologra\$9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 09:54
S63	0	S61 and S62	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 09:54
S64	1875350	record\$3 writ\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 10:34
S65	447575	eras\$4 delet\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 10:35
S66	3	S64 same S65 same S62 same S58	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 10:36

## EAST Search History

S67	554	S64 same S65 same S58	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 11:27
S68	65	(S64 same S65 same S58) and S60	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 11:34
S69	1	("4851936").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/13 11:34
S70	3	(S64 same S65 same S58) and S60 and hologra\$9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 11:35
S71	4	S65 same hologra\$9 same S58	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 11:35
S72	45	angle near2 multiplex near3 (record\$ writ\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/21 14:43
S73	41788	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/21 14:43
S74	41	S72 and S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/21 14:44
S75	36	S72 same S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/22 16:14
S76	45	angle near2 multiplex near3 (record\$ writ\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/22 16:15
S77	41788	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/22 16:15
S78	36	S76 same S77	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/22 16:15
S79	1	S78 same (eras\$4 delet\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/22 16:15
S80	9	S78 and (eras\$4 delet\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S81	1	("6862120").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 16:20
S82	1	("6639700").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/26 09:25
S83	1	("6862120").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/26 09:25

## EAST Search History

S84	45	angle near2 multiplex near3 (record\$ writ\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S85	449678	(eras\$4 delet\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S86	41819	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S87	4915	S84 qand S85 and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S88	13	S84 and S85 and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/26 09:30
S89	60726	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:16
S90	533	(369/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/20 16:14
S91	52772	reference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:14
S92	44218	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:15
S93	45863	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/06/20 16:15
S94	33850	interference near2 (light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:15
S95	3015731	(light beam laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:15
S96	185117	(eras\$4 delet\$4 remov\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top))) near3 (data information))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:05
S97	597	S92 and S89 and S96	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:23
S98	9	S90 and S97	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:24
S99	46	S93 and S97 not S98	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 16:30

## EAST Search History

S10 0	11002	(select\$5 local\$5) near5 S96	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:05
S10 1	119235	(eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:05
S10 2	8066	(select\$5 local\$5) near5 S101	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:06
S10 3	24	S102 same S92	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:06
S10 4	33	S102 and S92 and S89	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:08
S10 5	4	S102 and S92 and S89 and S93	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 17:08
S10 6	61033	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S10 7	44393	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S10 8	119896	(eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S10 9	8123	(select\$5 local\$5) near5 S108	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S11 0	40	S109 and S107 and S106	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S11 1	24	S109 same S107	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S11 2	45990	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/07/03 15:46
S11 3	4	S109 and S107 and S106 and S112	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/03 15:46
S11 4	46848	hologram holographic\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 16:48

## EAST Search History

S11 5	127541	(eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 16:48
S11 6	8614	(select\$5 local\$5) near5 S115	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 16:48
S11 7	24	S116 same S114	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 16:48
S11 8	64383	random near3 (pattern information data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 16:48
S11 9	47379	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/12/17 16:48
S12 0	4	S116 and S114 and S118 and S119	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 17:50
S12 1	47	angle adj2 multiplex adj2 recording	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 17:50